



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

H-A  
#3  
Sector \$

Applicant: Harold G. Craighead et al.

Title: HIGH SENSITIVITY MECHANICAL RESONANT SENSOR

Docket No.: 1153.010US1

Filed: November 14, 2000

Examiner:

Serial No.: 09/712,795

Due Date: June 9, 2001

Group Art Unit: 2878

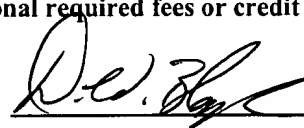
Attn: Box Missing Parts  
Commissioner for Patents  
Washington, D.C. 20231

We are transmitting herewith the attached:

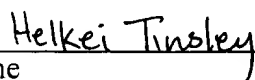
- ☒ A return postcard.
- ☒ A check in the amount of \$130.00 to cover the Missing Parts Fee.
- ☒ A check in the amount of \$1688.00 to cover the Basic Filing Fee and Additional Claims Fee.
- ☒ Communication Re: Missing Parts (1 pg.)
- ☒ A first signed Combined Declaration and Power of Attorney ( 4 pgs.).
- ☒ A second signed Combined Declaration and Power of Attorney (4 pgs.).
- ☒ A Communication re: Incorrect Filing Receipt ( 1 pgs.).
- ☒ Copy of Filing Receipt (1 pg.)
- ☒ Notice to File Missing Parts (1pg.)

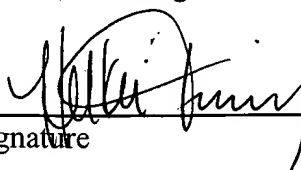
If not provided for in a separate paper filed herewith, please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional required fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

By:   
Name: David W. Black  
Reg. No. 42,331  
DWB:CMG:hst

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Attn: Box Missing Parts, Commissioner for Patents, Washington, D.C. 20231, on this 30 day of May, 2001.

  
Name

  
Signature

S/N 09/712,795



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Harold G. Craighead et al.

Examiner:

Serial No.: 09/712,795

Group Art Unit: 2878

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Docket: 1153.010US1

Title: HIGH SENSITIVITY MECHANICAL RESONANT SENSOR

COMMUNICATION RE: INCORRECT FILING RECEIPT

Commissioner for Patents  
Washington, D.C. 20231

Applicants hereby request correction of the Filing Receipt with respect to the above-identified patent application. In the Filing Receipt received April 12, 2001, (copy enclosed), the applicants listed are incomplete. As evidenced by the signed Combined Declaration and Power of Attorney (see enclosed), the applicants' names and addresses should read in the order as follows: **Harold G. Craighead, Ithaca, NY; Bojan Ilic, Ithaca, NY; David Alan Czaplewski, Ithaca, NY; Robert H. Hall, Clarksville, MD.**

Applicants would appreciate the above-identified printing error be corrected and that a new "corrected" filing receipt be sent to Applicants' representatives at the address given below.

Respectfully submitted,

HAROLD G. CRAIGHEAD ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402  
(612) 373-6911

Date

May 30, 2001

By

David W. Black  
Reg. No. 42,331  
DWB:CMG:hst

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner of Patents, Washington, D.C. 20231, on May 30, 2001

Date of Deposit

  
Helkei Tinsley

S/N 09/712,795



#3  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Harold G. Craighead et al.

Examiner:

Serial No.: 09/712,795

Group Art Unit: 2878

Filed: November 14, 2000

Docket: 1153.010US1

Title: HIGH SENSITIVITY MECHANICAL RESONANT SENSOR

COMMUNICATION RE: MISSING PARTS

Box Missing Parts  
Commissioner for Patents  
Washington, D.C. 20231

In response to the "Notice to File Missing Parts" (see enclosed copy), we submit the signed Combined Declaration and Power of Attorney along with a check in the amount of \$130.00 to cover the large entity surcharge and a check in the amount of \$1688.00 to cover the large entity basic filing fee.

Applicants assume the application is now in proper order and in condition for examination. Please direct any inquiries to the undersigned attorney at (612) 373-6911.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

Respectfully submitted,

HAROLD G. CRAIGHEAD ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402  
(612) 373-6911

Date May 30, 2001

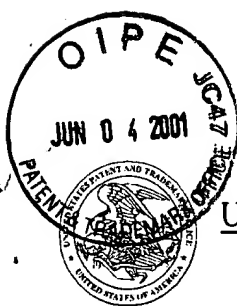
By David W. Black

David W. Black  
Reg. No. 42,331  
DWB:CMG:hst

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner of Patents, Washington, D.C. 20231, on May 30, 2001.

Date of Deposit

Helkei Tinsley  
Helkei Tinsley



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/712,795	11/14/2000	Harold Craighead	1153.010US1

CONFIRMATION NO. 8906

## FORMALITIES LETTER

21186  
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH  
P.O. BOX 2938  
MINNEAPOLIS, MN 55402

\*OC000000005947378\*

Date Mailed: 04/09/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$978.
  - \$738 for 41 total claims over 20.
  - \$240 for 3 independent claims over 3 .
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1818.

*A copy of this notice **MUST** be returned with the reply.*

  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

06/05/2001 MDAITE1 00000041 09712795

01 FC:101	710.00 OP
02 FC:103	738.00 OP
03 FC:102	240.00 OP
04 FC:105	130.00 OP



JUN 04 2001

UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/712,795	11/14/2000	2878	0.00	1153.010US1	17	61	6

CONFIRMATION NO. 8906

## FILING RECEIPT

\*OC000000005947377\*

21186  
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH  
P.O. BOX 2938  
MINNEAPOLIS, MN 55402

Date Mailed: 04/09/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Harold Craighead, Residence Not Provided;

## Domestic Priority data as claimed by applicant

## Foreign Applications

If Required, Foreign Filing License Granted 04/06/2001

Projected Publication Date: N/A

Non-Publication Request: No

Early Publication Request: No

## Title

High sensitivity mechanical resonant sensor

Schwegman, Lundberg,  
Woessner & Kluth, P.A.

APR 12 2001

RECEIVED

## Preliminary Class

250

Data entry by : DOUGLAS, BRIDGETTE

Team : OIPE

Date: 04/09/2001

